

Power Cost Memorandum Fuel Cost Update and Surcharge Change

Date: October 21, 2021

Utility Name (Cert. No.) UNALASKA, CITY of (106)	Utility File No. PC39-1018I	Date Filed: October 11, 2021
--	---------------------------------------	--

PCE AMOUNT SUMMARY	Previously Approved PC39-1018H	Staff Recommended PC39-1018I
Class Rate	<u>Date Approved:</u> October 8, 2021	<u>Effective Date</u> October 22, 2021
Residential	\$0.1256	\$0.1264
Small General	\$0.1256	\$0.1264
Large General	\$0.1256	\$0.1264
Industrial	\$0.1256	\$0.1264
<input type="checkbox"/> Interim <input checked="" type="checkbox"/> Permanent <input type="checkbox"/> Interim <input checked="" type="checkbox"/> Permanent		

Prior Fuel Purchase Price: \$ <u>2.5782</u>	New Fuel Purchase Price: \$ <u>2.6106</u>
<input checked="" type="checkbox"/> Actual <input type="checkbox"/> Weighted	<input checked="" type="checkbox"/> Actual <input type="checkbox"/> Weighted
Delivery Charge: <u>N/A</u>	Surcharge Change: Previous <u>0.18955</u> Updated <u>0.17215</u>

Signed: *Brenda Cox*
Brenda Cox

Utility Financial Analyst

Commission decision re. this recommendation :

	Date (if different from 10/21/21)	I CONCUR	I DO NOT CONCUR	I WILL WRITE A DISSENTING STATEMENT *
Pickett		<u>RMP</u> RMP		
Kurber		<u>JWW</u> JWW for KKI		
Scott		<u>AGS</u> AGS		
Sullivan		<u>RMP</u> RMP for DS		
Wilson		<u>JWW</u> JWW		

Special Instructions to Staff:

*If this column is initialed, Staff will contact the Commissioner for the statement. Otherwise, dissent will simply be noted at the close of the By Direction Letter or Order.

CITY OF UNALASKA

POWER COST EQUALIZATION CALCULATION
 BASED ON NON-FUEL COSTS FROM THE
 TEST YEAR ENDING JUNE 30, 2018
 Fuel Cost Update and Surcharge Change

	PC39-1018H	PC39-1018I
	Prior Commission Approval	Staff Recommended
A. Total kWh Generated	57,936,250	57,936,250
B. Total kWh Sold (Appendix 2)	55,325,767	55,325,767
C. Total Non-Fuel Costs (Appendix 2)	8,931,391	8,931,391
D. Non-Fuel Cost/KWH (C / B)	\$0.1614	\$0.1614
E. Total Fuel and Purchased Power Costs	9,463,527	9,511,122
F. Fuel and Purchased Power Costs/KWH	\$0.1711	\$0.1719
G. Eligible Costs/KWH (D + F)	\$0.3325	\$0.3333
H. Eligible Cost/KWH (G) less base rate in effect	\$0.1322	\$0.1330
I. Lesser of (H) or .7997 cents/kWh	\$0.1322	\$0.1330
J. Average Class Rates (Appendix 3)		
Residential	\$0.2419	\$0.2218
Small General	\$0.2174	\$0.1973
Large General	\$0.2659	\$0.2458
Industrial	\$0.3358	\$0.3157
Class Power Cost Equalization Per kWh Payable		
K. Lesser of: (I) x 95%, or (J)		
Residential	\$0.1256	\$0.1264
Small General	\$0.1256	\$0.1264
Large General	\$0.1256	\$0.1264
Industrial	\$0.1256	\$0.1264
L. Funding Level in Effect	100%	100%
Residential	\$0.1256	\$0.1264
Small General	\$0.1256	\$0.1264
Large General	\$0.1256	\$0.1264
Industrial	\$0.1256	\$0.1264

PC39-1018I
 Appendix 1

CITY OF UNALASKA

SCHEDULE OF ELIGIBLE POWER COSTS, SALES AND EFFICIENCY
 BASED ON NON-FUEL COSTS FROM THE
 TEST YEAR ENDING JUNE 30, 2018
 Fuel Cost Update and Surcharge Change

				PC39-1018H	PC39-1018I	
				Prior Commission Approval	Per Utility	Staff Recommended
Non-Fuel Costs:						
A.	Personnel Costs			2,342,446	2,342,446	2,342,446
B.	Operating Expenses			8,709	8,709	8,709
C.	General and Administrative/Facilities Main.			126,448	126,448	126,448
D.	Administration			1,510,037	1,510,037	1,510,037
E.	Interest Expense/Power Production			542,674	542,674	542,674
F.	Other (Describe)/Line Repair & Maint.			1,201,781	1,201,781	1,201,781
G.	Depreciaton			3,199,297	3,199,297	3,199,297
H.	Total Non-Fuel Costs			8,931,391	8,931,391	8,931,391
Fuel Costs:						
I.	Gallons Consumed for Electric Generation			3,643,265	3,643,265	3,643,265
J.	Price of Fuel: (per gal.)	9/30/2021		\$2.5782	\$2.6106	\$2.6106
K.	Total Cost of Fuel			\$9,393,212	\$9,511,122	\$9,511,122
L.	Total Cost of Purchased Power			\$0	\$0	\$0
M.	TOTAL fuel cost & purchased power			\$9,393,212	\$9,511,122	\$9,511,122
N.	kWh Sold			55,325,767	55,325,767	55,325,767
O.	kWh Station Service			866,641	866,641	866,641
P.	Efficiency	≥	13.5	15.90	15.90	15.90
Q.	Line Loss	≤	12%	3.01%	3.01%	3.01%
(kWh generated-(kWh sold + Station Service))/kWh generated						

CITY OF UNALASKA

Surcharge 0.172150

Calculation of Average Class Rate per kWh

Rate Schedule: Residential

Customer Charge (CC): \$8.00

(1) kWh by Block	(2) Rate (\$/kWh)	(3) Surcharge If Applicable (\$/kWh)	(4) Total (\$/kWh) (2+3)	(5) Total \$ (1x4)+CC	(6) Avg. (\$/kWh) (5)/(1)	(7) Avg. Rate (\$/kWh) - 0.2003 kWh
500	0.233950	0.172150	0.406100	211.05	0.42210	0.2218
500				211.05	0.42210	0.2218
TOTAL (A)						(E)

Rate Schedule: Small General

Customer Charge (CC): \$10.00

(1) kWh by Block	(2) Rate (\$/kWh)	(3) Surcharge If Applicable (\$/kWh)	(4) Total (\$/kWh) (2+3)	(5) Total \$ (1x4)+CC	(6) Avg. (\$/kWh) (5)/(1)	(7) Avg. Rate (\$/kWh) - 0.2003 kWh
500	0.205450	0.172150	0.377600	198.80	0.39760	0.1973
500				198.80	0.39760	0.1973
TOTAL (A)						(E)

Rate Schedule: Large General

Customer Charge (CC): \$50.00

(1) kWh by Block	(2) Rate (\$/kWh)	(3) Surcharge If Applicable (\$/kWh)	(4) Total (\$/kWh) (2+3)	(5) Total \$ (1x4)+CC	(6) Avg. (\$/kWh) (5)/(1)	(7) Avg. Rate (\$/kWh) - 0.2003 kWh
500	0.173950	0.172150	0.346100	223.05	0.44610	0.2458
500				223.05	0.44610	0.2458
TOTAL (A)						(E)

Rate Schedule: Industrial

Customer Charge (CC): \$100.00

(1) kWh by Block	(2) Rate (\$/kWh)	(3) Surcharge If Applicable (\$/kWh)	(4) Total (\$/kWh) (2+3)	(5) Total \$ (1x4)+CC	(6) Avg. (\$/kWh) (5)/(1)	(7) Avg. Rate (\$/kWh) - 0.2003 kWh
500	0.143850	0.172150	0.316000	258.00	0.51600	0.3157
500				258.00	0.51600	0.3157
TOTAL (A)						(E)

Signature: 

Email: bob.pickett@alaska.gov

Signature: 

Email: antony.scott@alaska.gov

Signature: Janis W. Wilson
Janis W. Wilson (Oct 21, 2021 11:22 AKDT)

Email: janis.wilson@alaska.gov